ELOP Condor™TAC

Tactical Aerial Reconnaissance Photography System

Two camera clusters providing all-in-one recce capabilities

Designed for day and night overflight imaging of extended areas from a fighter or special mission aircraft, CondorTAC is an airborne reconnaissance system providing high-resolution, wide-area coverage, visible and IR mono and stereo images, from very low to very high altitudes. High quality optics provide clear, easy-to-interpret images and facilitate precise photogrammetry/mapping capability. Precise georeferencing capability is provided by the INS/GPS embedded in the camera. Mounted in an aerodynamically shaped pod, CondorTAC can operate in a wide envelope of flight altitudes and speeds. The pod also contains a system management and video processing unit, wideband data link, and solid-state data recorder. A modular tactical camera system with open architecture, Condor TAC allows long operational life with easy, non-expensive upgrades and configuration changes.

Elbit Systems™ ISTAR

ELOP CondorTAC

Tactical Aerial Reconnaissance Photography System

Major System Characteristics

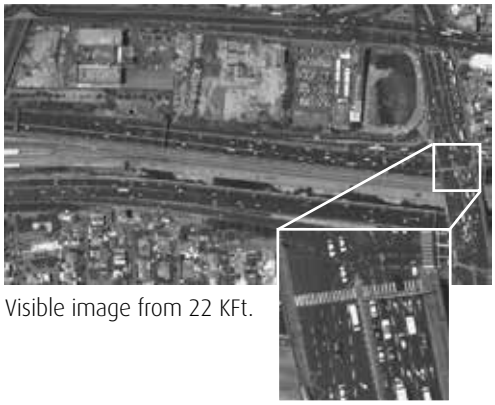
- Operational suitability for a wide range of missions
- Day and night imaging: two separate clusters of camera stations - one for the IR channel and the other for the EO channel
- Very high resolution imagery at high, medium and very low altitudes while maintaining large area coverage
- All-in-one mission capability: both stations fitted with separate low altitude and medium altitude sensors
- Fully autonomous navigation
- Interface with a wide range of aircraft
- Accurate mapping enabled by embedded GPS/INS and sophisticated servo-systems
- Maintains high performance at a wide range of altitudes and Mach numbers
- Pilot override for targets-of-opportunity
- On-board mission and data recording
- Wideband data link for real time image transmission
- Self contained pod configuration
- Stationary and/or mobile ground reception and exploitation stations

Typical Operational Flight Envelope

Altitude	500 – 40,000 feet
Speed	Up to M1.4

Typical Images

IR image from 22 KFt.



Visible image from 22 KFt.

Elbit Systems Ltd.
Advanced Technology Center, P.O.B 539, Haifa 31053, Israel
E-mail: istar@elbitsystems.com www.elbitsystems.com

Follow us on

The logo, brand, product, service, and process names appearing herein are the trademarks or service marks of Elbit Systems Ltd., its affiliated companies or, where applicable, of other respective holders.
© 2016. This brochure contains Elbit Systems and others proprietary information